

# WORKSHEET NOTES

~~24~~ Completing Figures

~~25~~ Completing Figures Using Dot Paper

~~26~~ Finding the Center of a Figure

## OBJECTIVE

- To use a GeoReflector mirror to complete figures so the line given is the line of symmetry
- To use dot paper to complete figures so the line given is the line of symmetry

## ADDITIONAL MATERIALS

- None

## BUILDING UNDERSTANDING

Students can work independently on Worksheet 24. After students have completed the figures, have them exchange papers and use their GeoReflector mirrors to test their partner's accuracy.

Assign Worksheet 25 for students to do independently.

## TALK ABOUT IT TOGETHER

After students have completed Worksheet 25, ask:

- How did you use the dots to help you complete the figure? [by counting the correct number of dots horizontally and vertically so that both sides match]

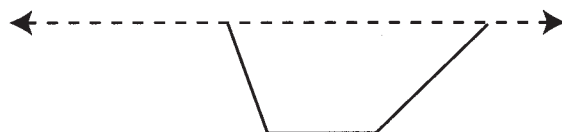
## REACHING OUT

Worksheet 26 gives students an opportunity to find the center of each figure by using two or more lines of symmetry.

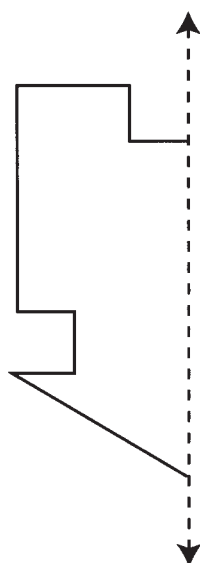
# 24 COMPLETING FIGURES

Use your GeoReflector mirror to complete the figure so the dotted line is a line of symmetry for the completed figure.

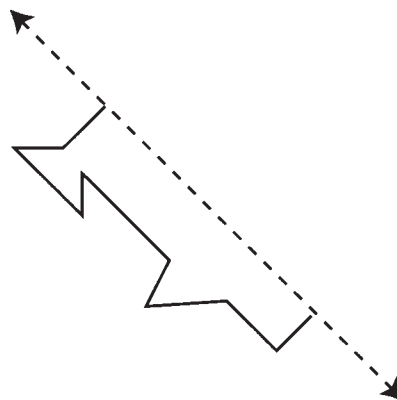
1.



2.

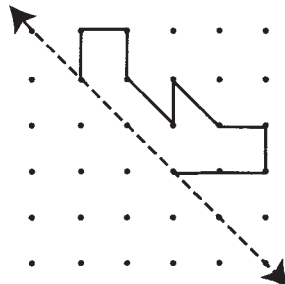
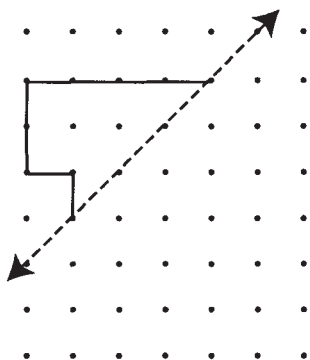
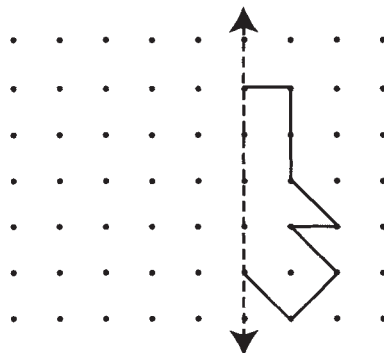
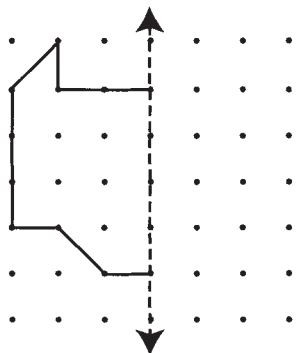


3.

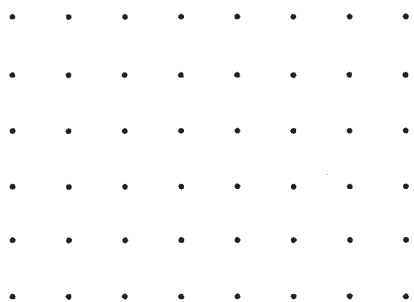


# 25 COMPLETING FIGURES USING DOT PAPER

Complete each figure so the dotted line is a line of symmetry for the completed figure. Use your GeoReflector mirror to check your work.



Create a figure with exactly one line of symmetry. Show the line.



Create a figure with more than one line of symmetry. Show the lines.



# 26 FINDING THE CENTER OF A FIGURE

Lines of symmetry intersect at the center of a figure.

Use your GeoReflector mirror to draw at least two lines of symmetry for each figure. Mark the center of each figure with the letter C.

